

Substitute for forms 1449A/PTO & 1449B/PTO

FIRST INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

ATTORNEY'S DKT NO.

040072-217

APPLICATION NO.

10/622,742

APPLICANT

Peter MALM et al.

FILING DATE

July 21, 2003

GROUP

Unassigned

U.S. PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)
/SR/	5,761,248A		Hagenauer et al.	06-02-1998
	6,360,345		Kim et al.	03-19-2002
	2002/0010894		Wolf	01-24-2002
	2002/0026618		Wang	02-28-2002
/SR/	2002/0136332		Dielissen et al.	09-26-2002

FOREIGN PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	Translation Yes No
/SR/	EP1178613A1		Europe	02-06-2002	

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
/SR/	C. BERROU et al.: "Near Optimum Error Correcting Coding and Decoding: Turbo-codes", IEEE Transactions on Communications, 44(10), October 1996.
	R.Y. SHAO et al.: "Two simple stopping criteria for Turbo decoding", IEEE Transactions on Communications, 47(8):1117-1120, August 1999.
	A. MATACHE et al.: "Stopping Rules for Turbo Decoders", The Telecommunications and Mission Operations Progress Report 42-142, Jet Propulsion Laboratory, California Institute of Technology, Pasadena, California under contract of NASA, August 2000.
	X. WANG: "Cutting Power in Turbo Coding Architectures", CommsDesign, May 22, 2002.
	WILLIAM J. BLACKERT III: "Implementation Issues of Turbo Trellis Coded Modulation", MSc. Thesis, University of Virginia, May 1996 (pp. 34-40).
	S. YOON et al.: "A Parallel MAP Algorithm for Low Latency Turbo Decoding", IEEE Communications Letters, Vol. 6, No. 7, July 2002.
	"Technical specification group radio access network; multiplexing and channel coding (FDD) (release 5)", 3GPP TS 25.212 V5.2.0, 2002.
/SR/	"Technical specification group radio access network; spreading and modulation (FDD) (release 5)", 3GPP TS 25.213 V5.2.0, September 2002.

Examiner Signature	/Samir Rizk/ (05/29/2007)	Date Considered	
-----------------------	---------------------------	--------------------	--

EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Substitute for form 1449A/PTO & 1449B/PTO SECOND INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
Application Number		10/622,742			
Filing Date		July 21, 2003			
First Named Inventor		Peter MALM et al.			
Examiner Name		Unassigned			
Attorney Docket Number		040072-217			

OIPE
MAR 15 2004
PATENT & TRADEMARK OFFICE

Sheet	1	of	1
-------	---	----	---

U.S. PATENT DOCUMENTS				
Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	Translation	
					Yes	No

NON-PATENT LITERATURE DOCUMENTS	
Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
/SR/	Ye Liu et al., "An Interactive Concatenated Turbo Coding System", June 25, 2000, page 367; ISIT 2000, Sorrento, Italy
↓	A. Ambroze et al., "Practical aspects of iterative decoding", IEE Proceedings: Communications, Institution of Electrical Engineers, GB, Vol. 147, No. 2, 14 April 2000, pp. 69-74
	M. Bickerstaff et al., "A 24Mb/s radix-4 LogMAP turbo decoder for 3GPP-HSDPA mobile wireless", ISSCC 2003, Session 8, Communications Signal Processing, Paper 8.5, 9 February 2003, pp. 1-10
↓	U. Dasgupto et al., "Parallel decoding of turbo codes using soft output T-algorithms", VTC 2000, vol. 3, 24 September 2000, pp. 1204-1210
/SR/	M. J. Thul et al., "A scalable system architecture for high-throughput turbo-decoders", IEEE Workshop on Signal Processing Systems (SPIS '02) (Cat. No. 02TH8638), IEEE Workshop on Signal Processing Systems (SIPS'02), San Diego, CA, 16-18 October 2002, pp. 152-158

Examiner Signature	/Samir Rizk/ (05/29/2007)	Date Considered	
--------------------	---------------------------	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.